

IN THE CLAIMS:

The status of the claims in this case and the text of pending claims is set forth below together with the amendments thereto.

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)

17. (Currently Amended) A device structure for iontophoresis comprising an electrically conductive layer containing at least one of partially ionized active ingredients and a water swelling polymer having a polarity selected considering the ~~dissolution~~ dissociation of the active ingredient for controlling pH variation, and an electrode for supplying electric current to the electrically conductive layer.

18. (Currently Amended) A device structure for iontophoresis according to claim 1 17, wherein the active ingredient is a cationic material and the water swelling polymer is a weakly basic water swelling polymer.

19. (Currently Amended) The device structure for iontophoresis according to claim 2 18, wherein the water swelling polymer comprises a polyamine of primary, secondary or tertiary amines.

20. (Currently Amended) The device structure for iontophoresis according to claim 2 18, wherein the water swelling polymer is a basic methacrylate copolymer.

21. (Currently Amended) The device structure for iontophoresis according to claim 2 18, wherein the water swelling polymer is aminoalkyl methacrylate copolymer E.

22. (Currently Amended) a device structure for iontophoresis according to claim 1 17, wherein the active ingredient is an anionic material and the water swelling polymer is a weakly acidic water swelling polymer.

23. (Currently Amended) The device structure for iontophoresis according to claim 6 22, wherein the water swelling polymer comprises a carboxylic acid.

24. (Currently Amended) The device structure for iontophoresis according to claim 6 22, wherein the water swelling polymer is an acidic methacrylate copolymer.

25. (Currently Amended) The device structure for iontophoresis according to claim 6 22, wherein the water swelling polymer is at least one of methacrylic acid copolymer L and methacrylic copolymer S.